

ABSTRACT OF THE DISCLOSURE

Breathing equipment with a circuit for breathing gas and with a flat calcium hydroxide absorber (1) is cooled by an evaporating agent with improved cooling. A gas volume flow of at least 60 *L* per minute is admitted to the outer surface (14) of the calcium hydroxide absorber (1) receiving the evaporating agent by at least one gas delivery device (5). The evaporating agent is delivered to the outer surface (14) of the calcium hydroxide absorber (1) by an admitted pressure from an evaporating agent reservoir (10) via at least one connection line (12).

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